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PowerBook Duo 2300c/100: Technical Specifications (2/96)

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TOPIC ---

This article contains a list of technical specifications for the Macintosh
PowerBook Duo 2300c/100 computer.

DISCUSSION --

Microprocessor

• 100-MHz PowerPC 603e

Memory

• 8 MB of RAM, expandable to 56 MB
  (Note: The 8 MB from Apple is soldered to the logic board. There is one RAM
   card expansion slot.)

Storage

• Internal 750 MB or 1.1 GB hard disk drive
• Optional external Apple SuperDrive 1.4 MB floppy disk drive, which uses
  high-density floppy disks and reads, writes, and formats Macintosh, Windows,
  MS-DOS, OS/2, and ProDOS disks (requires optional floppy adapter)

Display

• 9.5-in. (diagonal) active-matrix color display
• Resolution: 640 by 480 pixels with 256 colors or 640 by 400 pixels with
  thousands of colors

Battery

• Nickel-metal-hydride high-capacity Type III battery provides 2 to 4
  hours of use before recharge
• Battery recharges in 2 hours while computer is shut down or in sleep mode,
  4 hours while running
• PowerBook Control Strip lets you monitor time remaining, charge status, and
  battery usage

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Ports
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• Power adapter port
• 152-pin processor-direct slot (PDS) connector for connecting PowerBook Duo
  Dock Plus, PowerBook Duo Floppy Adapter, or third-party expansion devices
• Serial (RS-422) port
• Port for optional internal modem


Docking Options
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• PowerBook Duo Dock Plus*
• PowerBook Duo Floppy Adapter
• Solutions from third-party vendors


 * Note: The PowerBook Duo 2300c can also be used with Apple's previous
   docking stations: the Duo MiniDock, the Duo Dock II and the original Duo
   Dock. However, the original Duo Dock can only be used if the top cover has
   been upgraded with the user-installable Top Cover Upgrade for PowerBook Duo
   Dock, part number: M1814Z/A.)


File-Transfer Options
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• LocalTalk cables and System 7 file sharing
• Serial cable and System 7 file sharing
• Express Modem and Apple Remote Access software
• Duo Dock with internal Apple SuperDrive, optional internal Duo Dock hard disk
  drive, and HDI-30 SCSI system cable
• Compact floppy adapter and external Apple SuperDrive


Networking
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• Serial/LocalTalk port for AppleTalk connections to networks and printers
  Modem
• Optional internal PowerBook Express Modem; sends and receives data and faxes
  at 14.4 Kbps
• Includes Express Fax and OCR software (United States and Europe only)


Sound
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• Sound output: Apple Sound Chip provides monophonic 16-bit sound, capable
  of driving stereo headphones or external speakers with the same signal
  supplied to both channels through optional PowerBook Duo Dock Plus
• Built-in speaker and integrated microphone
• Sound input: 4-voice mono sound with 16-bit analog-to-digital conversion,
  recording at 11- or 22-kHz sampling rate


Keyboard And Improved Apple Trackpad
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• Built-in, 2.4-mm travel, 18-mm pitch keyboard, with integrated palm rests
• Two-level tilt adjustment
• Solid-state improved Apple trackpad lets you use the trackpad to select, open
  or close, and drag without using the trackpad button
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Disability Access

• System software includes CloseView and Easy Access, and provides the ability
  to substitute visual cue for beep

Electrical Requirements

• Line voltage: 100 to 240 volts AC
• Frequency: 50 to 60 Hz

ADB Power Requirements

• Maximum current draw for all ADB devices: 100 mA with PowerBook Duo Floppy
  Adapter or 500 mA with PowerBook Duo Dock Plus (a maximum of three ADB
  devices is recommended)

Environmental Requirements

• Operating temperature: 50 degrees to 95 degrees F
  (10 degrees to 35 degrees C)
• Operating temperature in Duo Dock Plus: 50 degrees to 86 degrees F
  (10 degrees to 30 degrees C)
• Storage temperature: –13 degrees degrees to 140 degrees F
  (–25 degrees to 60 degrees C)
• Relative humidity: 20% to 80% noncondensing
• Operating altitude: 0 to 10,000 ft. (0 to 3,048 m)
• Maximum storage altitude: 15,000 ft. (4,722 m)

Size And Weight

• Height: 1.5 in. (3.8 cm)
• Width: 10.9 in. (27.7 cm)
• Depth: 8.5 in. (21.6 cm)
• Weight: 4.8 lb. (2.1 kg)

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15 Feb 1996 - Updated sound information.
03 Oct 1995 - Added more information about docking options.
25 Aug 1995 - Reviewed for technical accuracy.

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